

GenCore version 5.1.3
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OM nucleic - nucleic search, using sw model

Run on: November 2, 2002, 13:15:51 ; Search time 22.6726 Seconds
(without alignments)
7432.073 Million cell updates/sec

Title: US-09-811-093B-46

Perfect score: 686

Sequence: 1 tctatatctagatagaag.....cttgatcgatgtttatc 686

scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 383533 seqs, 122816752 residues

Total number of hits satisfying chosen Parameters: 767066

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database : Issued_Patents_NA:*

1: /cgn2_6/ptodata/1/ina/5A_COMB.seq:*

2: /cgn2_6/ptodata/1/ina/5B_COMB.seq:*

3: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*

4: /cgn2_6/ptodata/1/ina/6B_COMB.seq:*

5: /cgn2_6/ptodata/1/ina/PCRS_COMB.seq:*

6: /cgn2_6/ptodata/1/ina/backfiles.seq:*

Pred. No. 1 is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match	Length	DB ID	Description
1	682.8	99.5	686	3	US-09-142-514-2	Sequence 2, Appl1
2	132.2	19.3	751	1	US-08-592-936B-10	Sequence 10, Appl1
3	132.2	19.3	751	1	US-08-588-928A-16	Sequence 16, Appl1
4	132.2	19.3	751	1	US-09-111-573.10	Sequence 10, Appl1
5	99.4	14.5	745	1	US-08-592-936B-11	Sequence 11, Appl1
6	99.4	14.5	745	1	US-08-588-928A-19	Sequence 19, Appl1
7	99.4	14.5	745	1	US-09-111-573.11	Sequence 11, Appl1
8	99.4	14.5	2213	1	US-08-592-936B-12	Sequence 12, Appl1
9	99.4	14.5	2213	1	US-08-588-928A-1	Sequence 1, Appl1
10	99.4	14.5	2213	2	US-09-111-573.12	Sequence 1, Appl1
c 11	41.2	6.0	1320	1	US-08-557-073.12	Sequence 12, Appl1
c 12	41.2	6.0	1482	4	US-08-598-327E-41	Sequence 41, Appl1
c 13	41.2	6.0	1482	4	US-08-527E-45	Sequence 41, Appl1
c 14	41.2	6.0	1482	4	US-08-562-625-41	Sequence 41, Appl1
c 15	41.2	6.0	1482	4	US-08-562-625-45	Sequence 45, Appl1
c 16	41.2	6.0	1493	4	US-08-598-327E-38	Sequence 38, Appl1
c 17	41.2	6.0	1493	4	US-08-562-625-38	Sequence 8, Appl1
c 18	41	6.0	602	1	US-08-564-100-8	Sequence 13, Appl1
c 19	41	6.0	641	1	US-08-764-100-13	Sequence 7, Appl1
c 20	41	6.0	643	1	US-08-764-100-7	Sequence 2, Appl1
c 21	41	6.0	2993	1	US-08-564-100-2	Sequence 10, Appl1
c 22	41	6.0	2993	1	US-08-764-100-10	Sequence 9, Appl1
c 23	41	6.0	3001	1	US-08-564-100-9	Sequence 1, Appl1
c 24	41	6.0	3001	1	US-08-564-100-1	Sequence 46, Appl1
c 25	40.6	5.9	418	4	US-08-642-24D-46	Sequence 1, Appl1
c 26	40.6	5.9	418	3	US-08-545-16B-10	Sequence 10, Appl1
c 27	40.6	5.9	1150	1	US-08-161-406-1	Sequence 12, Appl1

ALIGNMENTS

RESULT 1	US-09-142-514-2	Score: 682.8; DB 3;
		; Sequence 2, Application US/09142514A
		; Patent No. 6107548
		; GENERAL INFORMATION:
		; APPLICANT: Aggelis, Alexandros
		; APPLICANT: Grierson, Donald
		; APPLICANT: Karvouni, Zoi
		; APPLICANT: John, Isaac
		; TITLE OF INVENTION: Fruit Ripening
		; FILE REFERENCE: SEE50111/US1
		; CURRENT APPLICATION NUMBER: US/09/142,514A
		; EARLIER APPLICATION NUMBER: PCT/GB97/00824
		; EARLIER FILING DATE: 1997-03-24
		; NUMBER OF SEQ ID NOS: 4
		; SOFTWARE: Patentin Ver. 2.0
		; SEQ ID NO 2
		; LENGTH: 686
		; TYPE: DNA
		; ORGANISM: Cucumis melo
		; US-09-142-514-2
		Query Match Similarity 99.5%; Score 682.8; DB 3;
		Best Local Similarity 99.7%; Pred. No. 3.7e-155;
		Matches 684; Conservatve 0; Mismatches 2; Indels 0; Gaps 0;
Qy	1 TCTATCTAGATGAGATGAAAGTTAAATCATGTCATTAATGGAAAGCTGTGAGTGA	60
Db	1 TCTATCTAGATGAGATGAAAGTTAAATCATGTCATTAATGGAAAGCTGTGAGTGA	60
Qy	1 TTAGAGATCATGCACCTGCTGAGAAATTTAGAAATATCAAGATCAATGTTTCAG	120
Db	1 TTAGAGATCATGCACCTGCTGAGAAATTTAGAAATATCAAGATCAATGTTTCAG	120
Qy	1 GTCAGGGACATGGCTATCAAGCTTGGPATACACTATGATGGCAAGGCAAGAGTT	240
Db	1 GGAATGGACATGGCTCTATCAAGCTTGGPATACACTATGATGGCAAGGCAAGAGTT	240
Qy	1 GTCAGGGACATGGCTATCAAGCTTGGPATACACTATGATGGCAAGGCAAGAGTT	300
Db	1 TTAAGGAACGGTCACTGATGTTGAGTCTGGATGAGTCTGGATGGTGGGA	300
Qy	1 GCAAGATGGCTATCAAGCTTGGPATACACTATGATGGCAAGGCAAGAGTT	300

TELEFAX: (650) 324-0960
 INFORMATION FOR SEQ ID NO: 16:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 751 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: DNA
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 INDIVIDUAL ISOLATE: PAG301 insert, drul1 cDNA clone
 US-08-788-928A-16

Query Match 19.3%; Score 132.2; DB 1; Length 751;
 Best Local Similarity 56.8%; Pred. No. 2.9e-23;
 Matches 264; Conservative 0; Mismatches 198; Indels 3; Gaps 1;
 Db 4 GGAAGGTGGAGCTGACATTGAAATTTACGAAATATTC 102
 Qy 43 GGAAGCTTCGTGAGTAATTAGAGATCAATGCAAGTCATCAACAGTGAATT 162
 Db 64 AAGACTGGGCTCACCGTCCCAAACACTCTCAACACGGGACATTAACGGGAG--TT 120
 Qy 163 CATGCTACTATTTGGATGGCCATGCAATGGCTCTACAGTCUTGTTGATTACATT 222
 Db 121 GCGGTCGATTAAGGGACATGGGGAAACTGATGGCTCCATTAGATTGGATTACATA 180
 Qy 223 GATGGCAAGGCAAGTTTTAAGAACGGGTCAGATGTTACAGTGTATAATTGTTGATA 282
 Db 181 GAGGCGCAACTGGGAACTCAAGGAAAGTAAAGCTAGCATGAGTGACAAAGCATA 240
 Qy 283 GTCTGGATGGAGTGGAGAGATGTCAAAATTATAAAAGCTTAACCCAGCTAC 342
 Db 241 ATTCTGAAATGGGTGGAGGATGTGTCAGATTACAGGCTTCAGGCCCTCTAT 300
 Qy 343 CAATTGTAACCTAAAGGATCTAACATGGCAGGAAATTGAGTAAAGTAGTATGAGAA 402
 Db 301 CAATTCACTAAAGGATGTGGCAGGATGTCCATTGATGATAATGAGAA 360
 Qy 403 CCTTCATATGGTCCTGATCTCATTAAGTATGTGCTCTCATGTTGTTACTAAC 462
 Db 361 CTGAGTGGAAAGTGGAGATGCAATCAAAATAACTACATTGCTGTGATCAAG 420
 Qy 463 GACATGGATCTCACATTAATAAGTATTAATGTCCTGTCACATT 507
 Db 421 GATCTGGATGCCCACTTCATCAAGGCTATAAAAGGCTATATAAT 465

RESULT 4
 US-09-111-573-10
 Sequence 10, Application US/09111573
 ; Parent No. 5229302
 ; GENERAL INFORMATION:
 ; APPLICANT: Kellogg, Jill A.
 ; TITLE OF INVENTION: PLANT TISSUE / STAGE SPECIFIC PROMOTERS FOR
 ; TITLE OF INVENTION: REGULATED EXPRESSION OF TRANSGENES IN PLANTS
 ; NUMBER OF SEQUENCES: 27
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Dehlinger & Associates

STREET: 350 Cambridge Avenue, Suite 250
 CITY: Palo Alto
 STATE: CA
 COUNTRY: USA

COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ for Windows Version 2.0

RESULT 5
 US-08-552-936B-11
 ; Sequence 11, Application US/08592936B
 ; Patent No. 5783393
 ; GENERAL INFORMATION:
 ; APPLICANT: Kellogg, Jill A.
 ; TITLE OF INVENTION: PLANT TISSUE / STAGE SPECIFIC PROMOTERS FOR
 ; TITLE OF INVENTION: REGULATED EXPRESSION OF TRANSGENES IN PLANTS
 ; TITLE OF INVENTION: REGULATED EXPRESSION OF TRANSGENES IN PLANTS

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/111,573
 FILING DATE:
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US/08/592,936
 FILING DATE: 29-JAN-1996
 ATTORNEY/AGENT INFORMATION:
 NAME: Evans, Susan T.
 REGISTRATION NUMBER: 38,443
 REFERENCE/DOCKET NUMBER: 4457-0012
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (650) 324-0880
 TELEFAX: (650) 324-0960
 INFORMATION FOR SEQ ID NO: 10:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 751 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: DNA
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 INDIVIDUAL ISOLATE: PAG301 insert, drul1 cDNA clone
 US-09-111-573-10
 Query Match 19.3%; Score 132.2; DB 2; Length 751;
 Best Local Similarity 56.8%; Pred. No. 2.9e-23;
 Matches 264; Conservative 0; Mismatches 198; Indels 3; Gaps 1;
 Db 4 GGAAGCTTCGTGAGTAATTAGAGATCAATGCAAGTCATCAACAGTGAATT 102
 Qy 43 GGAAGCTTCGTGAGTAATTAGAGATCAATGCAAGTCATCAACAGTGAATTATTC 102
 Db 64 AAGACTGGGCTCACCGTCCCAAACACTCTCAACACGGGACATTAACGGGAG--TT 120
 Qy 163 CATGCTACTATTTGGATGGCCATGCAATGGCTCTACAGTCUTGTTGATTACATT 222
 Db 121 GCGGTCGATTAAGGGACATGGGGAAACTGATGGCTCCATTAGATTGGATTACATA 180
 Qy 223 GATGGCAAGGCAAGTTTTAAGAACGGGTCAGATGTTACAGTGTATAATTGTTGATA 282
 Db 181 GAGGCGCAACTGGGAACTCAAGGAAAGTAAAGCTAGCATGAGTGACAAAGCATA 240
 Qy 283 GTCTGGATGGAGTGGAGAGATGTCAAAATTATAAAAGCTTAACCCAGCTAC 342
 Db 241 ATTCTGAAATGGGTGGAGGATGTGTCAGATTACAGGCTTCAGGCCCTCTAT 300
 Qy 343 CAATTGTAACCTAAAGGATGTGGCAGGATGTCCATTGATGATAATGAGAA 402
 Db 301 CAATTCACTAAAGGATGTGGCAGGATGTCCATTGATGATAATGAGAA 360
 Qy 403 CCTTCATATGGTCCTGATCTCATTAAGTATGTGCTCTCATGTTGTTACTAAC 462
 Db 361 CTGAGTGGAAAGTGGAGATGCAATCAAAATAACTACATTGCTGTGATCAAG 420
 Qy 463 GACATGGATCTCACATTAATAAGTATTAATGTCCTGTCACATT 507
 Db 421 GATCTGGATGCCCACTTCATCAAGGCTATAAAAGGCTATATAAT 465

Query Match 19.3%; Score 132.2; DB 2; Length 751;
 Best Local Similarity 56.8%; Pred. No. 2.9e-23;
 Matches 264; Conservative 0; Mismatches 198; Indels 3; Gaps 1;
 Db 4 GGAAGCTTCGTGAGTAATTAGAGATCAATGCAAGTCATCAACAGTGAATT 102
 Qy 43 GGAAGCTTCGTGAGTAATTAGAGATCAATGCAAGTCATCAACAGTGAATTATTC 102
 Db 64 AAGACTGGGCTCACCGTCCCAAACACTCTCAACACTGGCACCATAACGGGAG--TT 120
 Qy 163 CATGCTACTATTTGGATGGCCATGCAATGGCTCTACAGTCUTGTTGATTACATT 222
 Db 121 GCGGTCGATGAAGGAGACTGGAAACTGTGGCTCATTAGATTGGATTACATA 180
 Qy 223 GATGGCAAGGCAAGTTTTAAGAACGGGTCAGATGTTACAGTGTATAATTGTTGATA 282
 Db 181 GAGGCGCAACTGGGAACTCAAGGAAAGTAAAGCTAGCATGAGTGACAAAGCATA 240
 Qy 283 GTCTGGATGGAGTGGAGAGATGTCAAAATTATAAAAGCTTAACCCAGCTAC 342
 Db 241 ATTCTGAAATGGGTGGAGGATGTGGCTCATTAGATTGGATTACATA 300
 Qy 343 CAATTGTCCTAACAGGATGTGGCAGGATGTCCATTGATGATAATGAGAA 402
 Db 301 CAATTCACTAAAGGATGTGGCAGGATGTCCATTGATGATAATGAGAA 360
 Qy 403 CCTTCATATGGTCCTGATCTCATTAAGTATGTGCTCTCATGTTGTTACTAAC 462
 Db 361 CTGAGTGGAAAGTGGAGATGCAATCAAAATAACTACATTGCTGTGATCAAG 420
 Qy 463 GACATGGATCTCACATTAATAAGTATTAATGTCCTGTCACATT 507
 Db 421 GATCTGGATGCCCACTTCATCAAGGCTATAAAAGGCTATATAAT 465

NUMBER OF SEQUENCES: 27
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Dehlinger & Associates
 STREET: 350 Cambridge Avenue, Suite 250
 CITY: Palo Alto
 STATE: CA
 COUNTRY: USA
 ZIP: 94306
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FASTSEQ for Windows version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/592,936B
 FILING DATE: 29-JAN-1996
 CLASSIFICATION: 800
 ATTORNEY/AGENT INFORMATION:
 NAME: Evans, Susan T.
 REGISTRATION NUMBER: 38,443
 REFERENCE/DOCKET NUMBER: 4257-0012
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (650) 324-0880
 TELEFAX: (650) 324-0960
 ATTORNEY/AGENT ID NO: 11:
 INFORMATION FOR SEQ ID NO: 11:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 745 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: DNA
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 INDIVIDUAL ISOLATE: PAG302, drul genomic clone
 US-08-592,936B-11

Query Match 14.5%; Score 99.4%; DB 1; Length 745;
 Best Local Similarity 57.1%; Pred. No. 2.1e-15;
 Matches 181; Conservative 0; Mismatches 136; Indels 0; Gaps 0;

US-08-592,936B-19

Query Match 14.5%; Score 99.4%; DB 1; Length 745;
 Best Local Similarity 57.1%; Pred. No. 2.1e-15;
 Matches 181; Conservative 0; Mismatches 136; Indels 0; Gaps 0;

Qy 191 AGGGCTTATCAAGTCCTGGTATTACACTATGATGCCAAGCGAGAATTAAAGAAC 250
 Db 282 ATGGTTCAGGTTTCACTTACATTTCTACAAATAGAGGGAACATTCAGGAGA 341
 Qy 251 GGGTCGAGTTCACTGATTAATTGTTGATAGTCCTGGGAGGAGATGGT 310
 Db 342 AAGTAGAGCTACAGATGTCGACAAGGCAATTATCTGAATGGTGGAAAGGAGATGT 401
 Qy 311 TCAAAATTATAAAAGTTAAACACGCTTACCAATTTCACCTAAGGATGTAACCATT 370
 Db 402 TCCAGTATTACAGAGTTCAAGCCGCTTCACTCAATCACAAGAAATATGGCAGCA 461
 Qy 371 GCGAGGAAATCTGATAGTATAGTGTAGTGTAGTGTAGAAGACTCATGGTCTCTCAT 430
 Db 462 GGTGGCCAAAGTGTCCATTATGATGAGAAGTGTGCAATCCAATA 521
 Qy 431 AGTATATTGACCTCAGTTGATGTTACATAGACATGGTCTCACATTAAATGAT 490
 Db 522 AGTACATTCGGTTGATGACTTATCTGTCAGGATCTTGTGCCCCACTTCAGGGCAT 581
 Qy 491 TTAATGCTGTCACTT 507
 Db 582 AAAAGGGATATAAT 598

RESULT 6
 US-08-788-928A-19
 ; Sequence 19, Application US/08788928A
 ; GENERAL INFORMATION:
 ; APPLICANT: Bestwick, Richard K.
 ; APPLICANT: Kellogg, Jill A.

Qy 431 AGTATATTGACCTCAGTTGATGTTACATAGACATGGTCTCACATTAAATGAT 490
 Db 522 AGTACATTCGGTTGATGACTTATCTGTCAGGATCTTGTGCCCCACTTCAGGGCAT 581
 Qy 491 TTAATGCTGTCACTT 507
 Db 582 AAAAGGGATATAAT 598

RESULT 7
 US-09-111-573-11
 ; Sequence 19, Application US/08788928A
 ; GENERAL INFORMATION:
 ; APPLICANT: Bestwick, Richard K.
 ; APPLICANT: Kellogg, Jill A.

Sequence 11, Application US/09111573
 Patent No. 5929102
 GENERAL INFORMATION:
 APPLICANT: Kellogg, Jill A.
 APPLICANT: Bestwick, Richard K.
 TITLE OF INVENTION: PLANT TISSUE / STAGE SPECIFIC PROMOTERS FOR
 TITLE OF INVENTION: REGULATED EXPRESSION OF TRANSGENES IN PLANTS
 NUMBER OF SEQUENCES: 27
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Dehlinger & Associates
 STREET: 350 Cambridge Avenue, Suite 250
 CITY: Palo Alto
 STATE: CA
 ZIP: 94306
 COMPUTER READABLE FORM:
 COMPUTER: Diskette
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSQL for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/111,573
 FILING DATE:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/592,936
 ATTORNEY/AGENT INFORMATION:
 FILING DATE: 29-JAN-1996
 NAME: Evans, Susan T.
 REGISTRATION NUMBER: 38,443
 REFERENCE/DOCKET NUMBER: 4257-0012
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (650) 324-0880
 TELEFAX: (650) 324-0960
 SEQUENCE CHARACTERISTICS:
 LENGTH: 755 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: DNA
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 INDIVIDUAL ISOLATE: PAG302, drul genomic clone
 US-09-111-573-11

Query Match 14.5%; Score 99.4%; DB 2; Length 745;
 Best Local Similarity 57.1%; Pred. No. 2.1e-15; Mismatches 0; Indels 0; Gaps 0;

Qy 191 ATGGCTCATCAAGCTCTGGTTACACTATGGCAAGGAACTTTAAGGAAAC 250
 Db 282 ATGGCTCATGTTACATGGATTTCTCAAAATATAGGGGAAAGTGGACATTCAGGGAA 341
 Qy 251 GGTCGAGTTTCAGATGATAAATTTGTTGATAGTCTGGATGGAGTGGAGGATGGT 310
 Db 342 AAGTAGACCTAGCGATGTTGAAAGGGAAATACTCTGATGGATGGAGGATGTT 401
 Qy 311 TCAAAATTAAGCTTAACCGGTTAACGGTTACCAATTGTTGACCTAAGGATGTAACCTT 370
 Db 402 TCCAGTATACAGAGCTTCAGGCCGCTATCAATTCACTCAAGGATGAGGCA 461
 Qy 371 GCGAGGCAATTCTGGATGTTAGCTGAAACTTCACTGGGTCCTGAGCTCTCATCA 430
 Db 462 GCGATGCGAAAGTCTGCTTCAATGAAACTGAGGAGTGGAGATCCAAATA 521
 Qy 431 AGTATATGGACCTAGTGGATCATCAAGCATGGATCTCACATTAAATAGAT 490
 Db 522 AGTACATTCGCTGATGGCTTAATCGTCAGGATCTGATGCCACITTCATCAAGGGAT 581
 Qy 491 TTATGTCGTCAGATT 507

Db 582 AAAAGGATATTATAAT 598

RESULT 8
 US-08-592-936B-12
 Sequence 12, Application US/08592936B
 Patent No. 5783393
 GENERAL INFORMATION:
 APPLICANT: Kellogg, Jill A.
 APPLICANT: Bestwick, Richard K.
 TITLE OF INVENTION: PLANT TISSUE / STAGE SPECIFIC PROMOTERS FOR
 TITLE OF INVENTION: REGULATED EXPRESSION OF TRANSGENES IN PLANTS
 NUMBER OF SEQUENCES: 27
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Dehlinger & Associates
 STREET: 350 Cambridge Avenue, Suite 250
 CITY: Palo Alto
 STATE: CA
 COUNTRY: USA
 ZIP: 94306
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSQL for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/592,936B
 FILING DATE: 29-JAN-1996
 ATTORNEY/AGENT INFORMATION:
 CLASSIFICATION: 800
 NAME: Evans, Susan T.
 REGISTRATION NUMBER: 38,443
 REFERENCE/DOCKET NUMBER: 4257-0012
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (650) 324-0880
 TELEFAX: (650) 324-0960
 INFORMATION FOR SEQ ID NO: 12:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2213 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: both
 TOPOLOGY: linear
 MOLECULE TYPE: DNA
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 INDIVIDUAL ISOLATE: PAG310 insert sequence
 US-08-592-936B-12

Query Match 14.5%; Score 99.4%; DB 1; Length 2213;
 Best Local Similarity 57.1%; Pred. No. 2.7e-15; Mismatches 0; Indels 0; Gaps 0;

Matches 181; Conservative 0; Mismatches 136; Indels 0;

Qy 191 ATGGCTCATCAAGCTCTGGTTACACTATGGCAAGGAAAGTGGATGGAGGATGGT 310
 Db 1653 ATGGCTCATGTTACATGGATTTCTCAAAATATAGGGGAAAGTGGGACATTCAGGGAA 1712
 Qy 251 GGTCGAGTTTCAGATGATAAATTTGTTGATAGTCTGGATGGAGGATGGT 310
 Db 1713 AAGTAGAGCTAGTGGAAACAGGGATAATCTGATGGTTGGAGGATGGT 1772
 Qy 311 TCAAAATTAAGCTTAACCGGTTAACGGTTACCAATTGTTGACCTAAGGATGAGGCA 461
 Db 1773 TCCAGTATACAGAGCTTCAGGATCTCAAAAGATGATGGCAGCA 1832
 Qy 371 GCGAGGCAATTCTGGATGTTAGCTGAAACTTCACTGGGTCCTGAGCTCTCATCA 430
 Db 430 GCGATGCGAAAGTCTGCTTCAATGAAACTGAGGAGTGGAGATCCAAATA 521
 Qy 431 AGTATATGGACCTAGTGGATCATCAAGCATGGATCTCACATTAAATAGAT 490
 Db 522 AGTACATTCGCTGATGGCTTAATCGTCAGGATCTGATGCCACITTCATCAAGGGAT 581
 Qy 491 TTATGTCGTCAGATT 507

RESULT 9

Qy 491 TTAATGTCCTCACATT 507
; Sequence 1, Application US/08788928A
; Patent No. 5783396

Db 1953 AAAGGGATTTATAT 1969

RESULT 9

Qy 431 AGTATATTGACCTCATGATGGTACACTAACATTGCAAGGGAGTTTTAAGGAAAC 250
; Sequence 12, Application US/09111573
; Patent No. 5929302

Db 1893 AGTACATTCGTTGATGACTTAATGTCAGGATCTGATCAGGCT 1952

Qy 491 TTAAATGTCGACAT 507
Db 1953 AAAAGGGATTTATAT 1969

RESULT 10

Qy 431 AGTATATTGACCTCATGATGGTACACTAACATTGCAAGGGAGTTTTAAGGAAAC 250
; Sequence 12, Application US/09111573
; Patent No. 5929302

Db 1893 AGTACATTCGTTGATGACTTAATGTCAGGATCTGATCAGGCT 1952

GENERAL INFORMATION:

APPLICANT: Bestwick, Richard K.
TITLE OF INVENTION: RASPBERRY PROMOTERS FOR EXPRESSION OF
TITLE OF INVENTION: TRANSGENES IN PLANTS
NUMBER OF SEQUENCES: 25

CORRESPONDENCE ADDRESS:

ADRESSEE: Dehlinger & Associates
STREET: 350 Cambridge Avenue, Suite 250
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/788, 928A
APPLICATION NUMBER: US/08/788, 928A
FILING DATE: 24-JAN-1997
CLASSIFICATION: 800
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 08/592, 936
APPLICATION NUMBER: US 08/592, 936
FILING DATE: 29-JAN-1996
ATTORNEY/AGENT INFORMATION:
NAME: Evans, Susan T.
REGISTRATION NUMBER: 38,443
REFERENCE/DOCKET NUMBER: 4257-0015
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 324-0980
TELEFAX: (650) 324-0960

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:
LENGTH: 2213 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: pAG310 insert sequence (dru 1 gene)

US-08-788-928A-1

Query Match 14.5%; Score 99.4%; DB 1; Length 2213;
Best Local Similarity 57.1%; Pred. No. 2.7e-15;
Matches 181; Conservative 0; Mismatches 136; Indels 0; Gaps 0;

Qy 191 ATGGCTCTATCAAAGCTTGGTATTACACTTGTGATGCAAGGGAGTTTTAAGGAAAC 250
Db 1653 ATGGCTCTATGATATTGCTTACAAATATAGGGCAAGTGGGACATTCAGGAGA 1712

Qy 251 GGGTCGAGTTCACCATGATAATTTGTTGAGTCTGGTGGAGTGGGAGATGTG 310
Db 1713 AAGTAGAGCTAGACATGTCACAGGGCATTAATCTGATGGTGGAGATGTG 1772

Qy 311 TCAAAATTTAAAGCTTAAACCGCTTACCAATTGTTACCTAAGGATGTACCCATT 370
Db 1773 TCCAGTATTCAGAGCTTAAAGCGTCAATTCACATCAAGAATGATGGCAGCA 1832

Qy 371 GCGAGGCAATTCTGAGTATGAGTGAACCTCATCTGGCTCTCTGATCCTCATA 430
Db 1833 GCATGCGCAAGTGTCCATTGAATGAGAACCTGAGTGGGAAGTGGCAGATCTCAAGGCT 1892

Query Match 14.5%; Score 99.4%; DB 2; Length 2213;
Best Local Similarity 57.1%; Pred. No. 2.7e-15;
Matches 181; Conservative 0; Mismatches 136; Indels 0; Gaps 0;

Qy 191 ATGGCTCTATCAAAGCTTGGTATTACACTTGTGATGCAAGGGAGTTTTAAGGAAAC 250
Db 1653 ATGGCTCTATGATATTGCTTACAAATATAGGGCAAGTGGGACATTCAGGAGA 1712

Qy 251 GGGTCGAGTTCACCATGATAATTTGTTGAGTCTGGTGGAGTGGGAGATGTG 310
Db 1713 AAGTAGAGCTAGACATGTCACAGGGCATTAATCTGATGGTGGAGATGTG 1772

Qy 311 TCAAAATTTAAAGCTTAAACCGCTTACCAATTGTTACCTAAGGATGTACCCATT 370
Db 1773 TCCAGTATTCAGAGCTTAAAGCGTCAATTCACATCAAGAATGATGGCAGCA 1832

Qy 371 GCGAGGCAATTCTGAGTATGAGTGAACCTCATCTGGCTCTCTGATCCTCATA 430
Db 1833 GCATGCGCAAGTGTCCATTGAATGAGAACCTGAGTGGGAAGTGGCAGATCTCAAGGCT 1892

Qy 491 TTAAATGTCGACAT 507
Db 1953 AAAAGGGATTTATAT 1969

Query Match 14.5%; Score 99.4%; DB 2; Length 2213;
Best Local Similarity 57.1%; Pred. No. 2.7e-15;
Matches 181; Conservative 0; Mismatches 136; Indels 0; Gaps 0;

Qy 191 ATGGCTCTATCAAAGCTTGGTATTACACTTGTGATGCAAGGGAGTTTTAAGGAAAC 250
Db 1653 ATGGCTCTATGATATTGCTTACAAATATAGGGCAAGTGGGACATTCAGGAGA 1712

Qy 251 GGGTCGAGTTCACCATGATAATTTGTTGAGTCTGGTGGAGTGGGAGATGTG 310
Db 1713 AAGTAGAGCTAGACATGTCACAGGGCATTAATCTGATGGTGGAGATGTG 1772

Qy 311 TCAAAATTTAAAGCTTAAACCGCTTACCAATTGTTACCTAAGGATGTACCCATT 370
Db 1773 TCCAGTATTCAGAGCTTAAAGCGTCAATTCACATCAAGAATGATGGCAGCA 1832

Qy 371 GCGAGGCAATTCTGAGTATGAGTGAACCTCATCTGGCTCTCTGATCCTCATA 430
Db 1833 GCATGCGCAAGTGTCCATTGAATGAGAACCTGAGTGGGAAGTGGCAGATCTCAAGGCT 1892

Db	1773	TCCAGGTTTAAAGACCTCTAGCCGCTPATCAATTCAAAAGAATGATGGCAGCA	18122
Qy	371	GCCAGGCAATTCTGAGTATGAGTGAACCTCATCATGGGCTCTCTGATCTCTCATA	430
Db.	1833	GCATGGCCAAAGTGTCCATTGAACTGAGGAACCTGAGATCTGAAATA	1892
Qy	431	AGTATTTGACCTCATGATGGTACTAACGAACTGGATCTACATAAATAGTAT	490
Db	1893	AGTACATTCGCTTGTGACTAAATGCTGAAGGACTGTGCCCCACTICATCAAGGCAT	1952
Qy	491	TAAATGTCGTCACTT	507
Db	1953	AAAGGGATATATAAT	1969
RESULT 11			
	US-08-357-073-15/C		
	Sequence 15, Application US/08257073		
	Patent No. 5765597		
	GENERAL INFORMATION:		
	APPLICANT: Paolotti, Enzo		
	APPLICANT: de Faisne, Charles		
	APPLICANT: Tine, John A.		
	TITLE OF INVENTION: MALARIA RECOMBINANT POXVIRUS VACCINE		
	NUMBER OF SEQUENCES: 143		
	CORRESPONDENCE ADDRESS:		
	ADDRESSEE: Curtiss, Morris & Safford, P.C.		
	STREET: 530 Fifth Avenue, 25th Floor		
	CITY: New York		
	STATE: New York		
	COUNTRY: UNITED STATES OF AMERICA		
	ZIP: 10036		
	COMPUTER READABLE FORM:		
	MEDIUM TYPE: Floppy disk		
	COMPUTER: IBM PC compatible		
	OPERATING SYSTEM: PC-DOSS/MS-DOS		
	SOFTWARE: Patentin Release #1.0, Version #1.30		
	CURRENT APPLICATION DATA:		
	APPLICATION NUMBER: US/08/257,073		
	FILING DATE: 09-MAR-1994		
	CLASSIFICATION: 424		
	PRIOR APPLICATION DATA:		
	APPLICATION NUMBER: US 08/075,783		
	FILING DATE: 11-JUN-1993		
	PRIOR APPLICATION DATA:		
	APPLICATION NUMBER: US 07/852,305		
	FILING DATE: 18-MAR-1992		
	PRIOR APPLICATION DATA:		
	APPLICATION NUMBER: US 07/672,183		
	FILING DATE: 20-MAR-1991		
	ATTORNEY/AGENT INFORMATION:		
	NAME: Frommer, William S.		
	REGISTRATION NUMBER: 25,506		
	REFERENCE/DOCKET NUMBER: 454310-2570		
	TELECOMMUNICATION INFORMATION:		
	TELEPHONE: (212) 840-3333		
	TELEFAX: (212) 840-0712		
	TELEX: 423066 CURTMS		
	INFORMATION FOR SEQ ID NO: 15:		
	SEQUENCE CHARACTERISTICS:		
	LENGTH: 1320 base pairs		
	TYPE: nucleic acid		
	STRANDEDNESS: single		
	TOPOLOGY: linear		
Qy	US-08-237-073-15		
Qy	Query Match 6.0%	Score 41.2;	DB 1; Length 1320;
Qy	Best Local Similarity 56.7%	Pred. No. 0.21;	Gaps
Qy	Matches 76;	Conservative 0;	Mismatches 58;
Qy	Indels 0;		
Qy	542 TTATATTATTTGAACTTAATTGCTGTTGATTATGATCTTGTCTTGTCTT	601	
Db	1151 TTACATTTGGTTTAAATTACTCCCTTGTTTTCATATTCTTCTTCTTCTTCTT	109	

RESULT 12
 US-08-098-327E-41/C
 Sequence 41, Application US/08098327E
 Patent No. 6,207,071
GENERAL INFORMATION:
 APPLICANT: GUERIN-MARCHAND, Claud
 ADDRESS: DRUILHE, Pierre
 TITLE OF INVENTION: PEPTIDE SEQUE
 TITLE OF INVENTION: HEPATIC STAGE
 TITLE OF INVENTION: OF STIMULATING
 NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
 ADDRESSEE: Burns, Doane, Sweeney
 STREET: P.O. Box 1404
 CITY: Alexandria
 STATE: Virginia
 COUNTRY: United States
 ZIP: 22313-1404
COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0
CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/098,3
 FILING DATE: 24-NOV-1993
PRIOR APPLICATION DATA:
 APPLICATION NUMBER: FR 91 01286
 FILING DATE: 05-FEB-1991
ATTORNEY/AGENT INFORMATION:
 NAME: McGowen, Malcolm K.
 REGISTRATION NUMBER: 39,300
 REFERENCE/DOCKET NUMBER: 010830
TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703) 816-6620
 TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 41:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1482 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 1..1482
PUBLICATION INFORMATION:
 DOCUMENT NUMBER: WO 92/13884
 PUBLICATION DATE: 20-AUG-1992

Query	Match	Score	DB 4	Length
Qy	TTATTTTATTTGAAAGTAATTTCGTTGTTGATTATGATCTTGCTATTGCTT	608	41.2	1482
Db	TTATTTCAATTGTTAAATTATTCCTTGTGTTTCAATTCTTCCTTTTATT	5678	0.21	1254
Qy	TTATTTCAATTAGTATATGGTTATAAATTAACAAAGTAATTAAATTCAGGAT	602		661
Db	TTATTTCTTACATATTCCTGAAATTCTCATTCATCCCTCATCAATTCTT	1253		1194

Qy 662 CATCCCTTGTTAT 675
 Db 1193 TCATTTCTCTAT 1180

RESULT 13
 US-08-098-327E-45/c
 Sequence 45, Application US/08098327E
 Patent No. 6,270,711
 GENERAL INFORMATION:
 APPLICANT: GUERIN-MARCHAND, Claudine
 TITLE OF INVENTION: PEPTIDE SEQUENCES SPECIFIC FOR THE
 NUMBER OF SEQUENCES: 46
 TITLE OF INVENTION: HEPATIC STAGES OF P. FALCIPARUM BEARING EPITOPE CAPABLE
 NUMBER OF SEQUENCES: OF STIMULATING THE T LYMPHOCYTES
 CORRESPONDENCE ADDRESS:
 STREET: P.O. Box 1404
 CITY: Alexandria
 STATE: Virginia
 COUNTRY: United States
 ZIP: 22313-1404
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/098,327E
 FILING DATE: 24-NOV-1993
 CLASSIFICATION: 424
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: FR 91 01286
 FILING DATE: 05-FEB-1991
 ATTORNEY/AGENT INFORMATION:
 NAME: McGowan, Malcolm K.
 REGISTRATION NUMBER: 39,300
 REFERENCE/DOCKET NUMBER: 010830-078
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703) 836-6620
 TELEFAX: (703) 836-2021
 INFORMATION FOR SEQ ID NO: 41:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1482 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 1..1482
 PUBLICATION INFORMATION:
 DOCUMENT NUMBER: WO 92/13884
 PUBLICATION DATE: 20-AUG-1992
 US-08-098-327E-45

Query Match Score 41.2; DB 4; Length 1482;
 Best Local Similarity 56.7%; Pred. No. 0.21; Mismatches 0; Indels 0; Gaps 0;
 Matches 76; Conservative

Qy 542 TATATTTATTTGAGTAATTTCGTGGTTGATTGATATTGCTT 601
 Db 1313 TATCATTTGGTTAAATTATTCCTTGTGTTTCAATTCTTCCTTTATT 1254
 Qy 602 TATATTCATAAAGTTATATGTTTATATATTCAGTTAAATCCAAAGAT 661
 Db 1253 TTTCTCTAGAATATTCATGTTTCTATCTAAATCCTAAATT 1194
 Qy 662 CATCCCTTGTTAT 675
 Db 1193 TCATTTCTCTAT 1180

RESULT 14
 US-08-625-41/c
 Sequence 41, Application US/080462625
 Patent No. 6,315,502
 GENERAL INFORMATION:
 APPLICANT: DRUILHE, Pierre
 TITLE OF INVENTION: PEPTIDE SEQUENCES SPECIFIC FOR THE
 TITLE OF INVENTION: HEPATIC STAGES OF P. FALCIPARUM BEARING EPITOPE CAPABLE
 NUMBER OF SEQUENCES: 46
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Burns, Doane, Swecker & Mathis
 STREET: P.O. Box 1404
 CITY: Alexandria
 STATE: Virginia
 COUNTRY: United States
 ZIP: 22313-1404
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/462,625
 FILING DATE: 05-JUN-1995
 CLASSIFICATION: 424
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/098,327
 FILING DATE: 24-NOV-1993
 CLASSIFICATION: 424
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: FR 91 01286
 FILING DATE: 05-FEB-1991
 ATTORNEY/AGENT INFORMATION:
 NAME: McGowan, Malcolm K.
 REGISTRATION NUMBER: 39,300
 REFERENCE/DOCKET NUMBER: 010830-078
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703) 836-6620
 TELEFAX: (703) 836-2021
 INFORMATION FOR SEQ ID NO: 41:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1482 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 1..1482
 PUBLICATION INFORMATION:
 DOCUMENT NUMBER: WO 92/13884
 PUBLICATION DATE: 20-AUG-1992
 US-08-625-41

Query Match Score 41.2; DB 4; Length 1482;
 Best Local Similarity 56.7%; Pred. No. 0.21; Mismatches 0; Indels 0; Gaps 0;
 Matches 76; Conservative

Qy 542 TATATTTATTTGAGTAATTTCGTGGTTGATTGATATTGCTT 601
 Db 1313 TATCATTTGGTTAAATTATTCCTTGTGTTTCAATTCTTCCTTTATT 1254
 Qy 602 TATATTCATAAAGTTATATGTTTATATATTCAGTTAAATCCAAAGAT 661
 Db 1253 TTTCTCTAGAATATTCATGTTTCTATCTAAATCCTAAATT 1194
 Qy 662 CATCCCTTGTTAT 675
 Db 1193 TCATTTCTCTAT 1180

RESULT 15
US-08-462-625-45/c
Sequence 45, Application US/08462625
; GENERAL INFORMATION:
; APPLICANT: GUERIN-MARCHAND, Claudine
; APPLICANT: DRUILHE, Pierre
; TITLE OF INVENTION: PEPTIDE SEQUENCES SPÉCIFIQUE FOR THE
; TITLE OF INVENTION: HEPATIC STAGES OF P. PALCIPARUM BEARING EPITOPES CAPABLE
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Burns, Doane, Swecker & Mathis
; STREET: P.O. Box 1404
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: United States
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/462, 625
; FILING DATE: 05-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/098, 327
; FILING DATE: 24-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 91 01286
; FILING DATE: 05-FEB-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: McGowan, Malcolm K.
; REGISTRATION NUMBER: 39, 300
; REFERENCE/DOCKET NUMBER: 010830-078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6620
; TELEFAX: (703) 836-2021
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1482 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..1482
; PUBLICATION INFORMATION:
; DOCUMENT NUMBER: WO 92/13884
; PUBLICATION DATE: 20-AUG-1992
; US-08-462-625-45

Query Match 6.0%; Score 41.2; DB 4; Length 1482;
Best Local Similarity 56.7%; Pred. No. 0.2%;
Matches 76; Conservative 0; Mismatches 58; Indels 0; Gaps 0;

Qy	542	TTATATTATTTGAACTTAATTTGCTGTTGATATGTTATCTTGCTTATTTGCCTT	601
Db	1313	TTATTTGTTAAATTATTTGCTGTTATTTGCTTATTTGCCTTATTTGCCTTATTT	1254
Qy	602	TTATATTCAATAAGTTATGTTATAATTAAGTAATAATCCAGGAT	661
Db	1253	TTTCTCTCTGATATACTCTGATTTCTGATTTCTCATCTAAATCATCTAAATT	1194
Qy	662	CATCCCTGGTTAT	675
Db	1193	TCATTTCTCTAT	1180

Search completed: November 2, 2002, 14:19:36
Job time : 38.676 secs

GenCore version 5.1.3
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OM nucleic - nucleic search, using sw model

Run on: November 2, 2002, 13:15:51 ; Search time 51.3274 Seconds
(without alignments)
7432.073 Million cell updates/sec

Title: US-09-811-093B-42_COPY_156_1708

Perfect score: 1553

Sequence: 1 taactagaaggtaaaggacc.....gagatagaaggttaaaatc 1553

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 303533 seqs, 122816752 residues

Total number of hits satisfying chosen parameters: 767066

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database : Issued_Patents_NA:*

1: /cgn2_6/ptodata/1/ina/5A/COMB.seq:*

2: /cgn2_6/ptodata/1/ina/5B/COMB.seq:*

3: /cgn2_6/ptodata/1/ina/6A/COMB.seq:*

4: /cgn2_6/ptodata/1/ina/6B/COMB.seq:*

5: /cgn2_6/ptodata/1/ina/PCUTS/COMB.seq:*

6: /cgn2_6/ptodata/1/ina/PCUTS/COMB.seq:*

Pred. No. 1 is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description
1	92.8	6.0	6364	Sequence 1137, AP
2	89.8	5.8	8374	Sequence 288, APP
3	89.2	5.7	72181	Sequence 14, APP
4	89	5.7	61244	Sequence 3, APP
c	86.6	5.6	191242	Sequence 13, APP
6	86.2	5.6	191242	Sequence 13, APP
7	84	5.4	61154	Sequence 186, APP
c	80.8	5.2	14314	Sequence 2, APP
c	76.2	4.9	58521	Sequence 2, APP
10	74.2	4.8	58521	Sequence 2, APP
c	73.2	4.8	4702	Sequence 2, APP
c	73.1	4.8	2401	Sequence 6, APP
c	73.6	4.7	6243	Sequence 1, APP
c	73.4	4.7	15111	Sequence 8, APP
14	73.4	4.7	15111	Sequence 8, APP
c	73.4	4.7	15112	Sequence 8, APP
15	73.2	4.7	15112	Sequence 8, APP
16	73.2	4.7	6584	Sequence 595, APP
c	72.6	4.7	24472	Sequence 14, APP
c	71.8	4.6	8544	Sequence 534, APP
c	71.4	4.6	30956	Patent No. 5231168
c	71.2	4.6	6364	Sequence 1137, AP
21	70.8	4.6	7244	Sequence 683, APP
c	70.4	4.5	7324	Sequence 1036, APP
23	69	4.4	37014	Sequence 10, APP
24	69	4.4	37014	Sequence 10, APP
c	68.8	4.4	8374	Sequence 10, APP
c	68.4	4.4	61524	Sequence 288, APP

ALIGNMENTS

RESULT 1
US-09-998-416-1137
Sequence 1137, Application US/08998416
; Patent No. 6239264

GENERAL INFORMATION:

APPLICANT: Philipsen, Peter
; Pohlmann, Rainer
; Steiner, Sabine
; Mohr, Christine
; Wendland, Jürgen
; Kuechle, Philipp
; Rebschung, Corinne

APPLICANT: Rebschung, Corinne DNA SEQUENCES OF ASHYBYA GOSSYPII

TITLE OF INVENTION: GENOMIC DNA SEQUENCES OF ASHYBYA GOSSYPII

TITLE OF INVENTION: AND USES THEREOF

NUMBER OF SEQUENCES: 1152

CORRESPONDENCE ADDRESS:

ADDRESS: No. 6239264 Artis Corporation
STREET: 3054 Cornwallis Road
CITY: Research Triangle Park
STATE: No. 6239264th Carolina
COUNTRY: USA
ZIP: 27709

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/998,416
FILING DATE: 24-DEC-1997
CLASSIFICATION: 435
PRIORITY APPLICATION DATA:

APPLICATION NUMBER: CH 0016/97
FILING DATE: 31-DEC-1996

ATTORNEY/AGENT INFORMATION:

NAME: Meigs, J. Timothy
REGISTRATION NUMBER: 38,241
REFERENCE/DOCKET NUMBER: PF/5-30306/A/CGC1976

TELECOMMUNICATION INFORMATION:

TELEPHONE: 919-541-8587
TELEFAX: 919-541-8689
INFORMATION FOR SEQ ID NO: 1137:
SEQUENCE CHARACTERISTICS:
LENGTH: 636 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ORIGINAL SOURCE:
ORGANISM: PAG1692RP

Qy	739	AAAGACCCCTTAATAAATTGAAATTGGCATATAATTAAATAAATTTTCCAAAAAAAGTAG 798	
Ddb	1654	TACATTTTTTTTTTACCGTAAATATTATGAGATCT 1713	
Qy	799	ACTATGCTATCTAAATAATTGATTCCCCATAATAGAACAACTCTAACAAATGAAACAAACAA 858	
Ddb	1714	ACAAATTAAATATTATTTTTCGGTTAAATAATTCTTGTGTCAGTAACTATATTATGAGATC 1773	
Qy	859	TTGAAATTCTCATATGAAACATTAACATTACTTTGAAATTGGCAATTCACAAAGT 918	
Ddb	1774	ATCCCTGTTATCTTAATAAAATTGTACAGTCAATATGTAATATATATAATAATAATAATA 1833	
Qy	919	TAT-TCCAAACGTAACCTTGTGAGGATTACATCCATATTTTTGTGTT 977	
Ddb	1834	TATATGTTCTTACAAATTAAATTTAGATATAATTTCTAGAAATTAAC 1893	
Qy	978	TCATATGAAATTCTGAAATAATTAAATGCAACAAATGTTGAGTAACTAAACCAA 1037	
Ddb	1894	TATATTGATAATCGAAATCTAAATGTTACAAATAATGAAATGTTAAACCTACTT 1953	
Qy	1038	AGTTATGTTATGAACTCTTTATTAACCAACAAATAACCTGTTAAACCTGTGCA 1097	
Ddb	1954	ATTAT 2013	
Qy	1098	ATAGACCAATAATAGTTAACTCATCGGGCTATTGGTAGATAATTGTAATAATTGTTAT 1157	
Ddb	2014	ATATGGTTCTTCTTTTTTATGAGGTGTCATAATTGTTTT 2073	
Qy	1158	ATTATAAAATATTGATTATTTGATAATTGTTAGATAACAAATTAGATT 1217	
Ddb	2074	TATGAAATAATAAAAGGGCTATCTGAAATTGTTAGATAACAAATTAGATT 2133	
Qy	1218	TAATATATTATCTTAATAAACATTGTTGTTAGTTATTTGTTATGAAATTAAATAATA 2170	
Ddb	2134	AAAAAAAATAAAATAAAATAAAATAAAATAAAATAAAATAAAATAAAATAAAATAAA 2193	
Qy	1271	ACCATTCTCTTATTATTAACATTAAATGTAATGTCACACACTAAATA 1330	
Ddb	2194	TATATTATTAATAATTATATATATATATATAATAATAATAATAATAATAATAATA 2253	
Qy	1331	TATTTTATCCAAAGAAAATAATGCTTAAATAATGGTCCTCTTATCACCTTCATGA 1390	
Ddb	2254	TTGATGTCTCCAAAAAAATAAA ---TAAAAAAATAATAATAATAATAATAATAATAATA 2309	
Qy	1391	TAATATGAAATAAAATAAAATTATTAACTTCAATTCTCAATTGTCACAGC 1450	
Ddb	2310	CATATATATAACATAAAGAAAATAAAATCAACATTCACATAATAATAATAATAATA 2369	
Qy	1451	TAGATATTACTATACAAACACTTGTGTTAAAAAGGCCAAGAAAT 1497	
Ddb	2370	CTTAAATAATAAAATATCTAAATATCTAAATCAAAATGAACTAT 2416	
RESULT 5			
US-08-487-826B-13/C			
Sequence 13, Application US/08487826B			
Patent No. 5993827			
GENERAL INFORMATION:			
APPLICANT:	Sim, Kim L.		
APPLICANT:	Chittnis, Chetan		
APPLICANT:	Miller, Louis H.		
APPLICANT:	Peterson, David S.		
APPLICANT:	Su, Xin-zhuan		
APPLICANT:	Wellens, Thomas E.		
TITLE OF INVENTION: BINDING DOMAINS FROM PLASMIDIUM VIVAX AND PLASMIDIUM FALCIPARUM ERYTHROCYTE BINDING PRO			
NUMBER OF SEQUENCES: 45			
CORRESPONDENCE ADDRESS:			
ADDRESSEE: Knobbe Martens Olson & Bear			
STREET: 620 Newport Center Drive			
STATE: California			
CITY: Newport Beach			

RESULT 7

US-098-416-186 Sequence 186; Application US/09998416

Prior Art Application US/09998416

Patent No. 639264

GENERAL INFORMATION:

APPLICANT: Philippson, Peter

APPLICANT: Pohlmann, Rainer

APPLICANT: Steinher, Sabine

APPLICANT: Mohr, Christine

APPLICANT: Wendland, Jurgens

APPLICANT: Knechtle, Philipp

APPLICANT: Reibischung, Corinne

TITLE OF INVENTION: GENOMIC DNA SEQUENCES OF ASHYA GOSSPII

NUMBER OF SEQUENCES: 1152

CORRESPONDENCE ADDRESS:

ADDRESSEE: No. 6239264 artis Corporation

STREET: 3054 Cornwallis Road

CITY: Research Triangle Park

STATE: No. 6239264 artis Corporation

COUNTRY: USA

ZIP: 27709

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/998,416

FILING DATE: 24-DEC-1997

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: CH 0016/97

FILING DATE: 31-DEC-1996

ATTORNEY/AGENT INFORMATION:

NAME: Me195, J. Timothy

REGISTRATION NUMBER: 38,241

REFERENCE/DOCKET NUMBER: PF-5-30306/A/CGC1976

TELECOMMUNICATION INFORMATION:

TELEPHONE: 919-541-8587

TELEFAX: 919-541-8689

INFORMATION FOR SEQ ID NO: 186:

SEQUENCE CHARACTERISTICS:

LENGTH: 615 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

ORGANISM: PAG1074RP

ORIGINAL SOURCE:

US-08-998-416-186

RESULT 8

US-09-316-063-2/C

Sequence 2, Application US/09316083A

Patent No. 620942

GENERAL INFORMATION:

APPLICANT: The Institute of Physical and Chemical Research

TITLE OF INVENTION: Endonuclease

FILE REFERENCE: PH-651

CURRENT APPLICATION NUMBER: US/09/316, 083A

CURRENT FILING DATE: 1999-05-20

EARLIER APPLICATION NUMBER: JP98/141861

EARLIER FILING DATE: 1998-05-22

NUMBER OF SEQ ID NOS: 38

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 2

LENGTH: 1431

TYPE: DNA

ORGANISM: Saccharomyces cerevisiae

FEATURE:

NAME/KEY: CDS

LOCATION: (1)..(1428)

US-09-316-063-2

Query Match 5.2%; Score 80.8; DB 4; Length 1431;

Best Local Similarity 44.4%; Pwd. No. 3.6e-05;

Matches 457; Conservative 1; Mismatches 563; Indels 9; Gaps 3;

QY 419 ACAAAAGATTTAAATTCATTTCTTCAATCTAACTTGTATGCTTCAC 478

DB 1125 AGAAATAGATAATCTAAAGTCTGTAATTAATCTTACGTGTTCAAC 1066

QY 479 GATAGATTGAAATACATACCTAGTCATGGCTATCCARATTAAATGCAAC 538

DB 1065 TTGTGAAATACATACCTAGTCATGGCTATCCARATTAAATGCAAC 1006

QY 811 TAAATTTGATTCCTTAAATGAAATCTGAAATTCCTGAAACATTCTC 870

DB 1468 CTTTAACAAACTCAAAACATTTCATTAATATATATATATAGTA 1518

QY 1462 AATTAATTAATATGATTCATCTATGTAAGTAGATTACTA 1462

DB 1408 TAAATTAATATGATTCATCTATGTAAGTAGATTACTA 1467

QY 1411 AATGCTATAAAATATGGGTCTTATCACCTCTGATTAATTGAAATAATAA 1411

DB 1348 TATATATATATATCTTATTTATTAATGTTCTCTTATTTATATAATAA 1407

QY 871 GATATGAAACATTTACTTATTTGAACTTGGGACATTCCAAAGTTATTCACACGT 930

DB 136 AATTATTAATCTTACATTAATCTCAATTATATTATTATTATTATTATT 192

QY 931 AACATTGAGAAAGTGTGAGATTACATCCATTTGTTCATATTGATT 990

DB 193 AATATTAAATGATTAATGTTAGTCAATTAAATTTAGTATTAAATT 252

QY 991 CATGGAAAATTAAATGACACAAATTGAGTTACACAAAGTTATCGCTT 1050

DB 253 TATTAGATATTATTTTC-----TTAATTAATGATTTACATAAA 303

QY 1051 TGAATCTTTTATTAACCAACAAATTAAACTCTTGGCAATAGACATAATA 1110

DB 304 TTAATATATTTATTAAATTTAAATTTAAATTTAAATTTAAAGATTTA 363

QY 1111 GTTAAATCCATGGCTCATTTGTTATTTGTTATTTAAATATAAAT 1170

DB 364 ATTATTAAATATGTAATTATTTATTATTAATACATCTTAAATATAAT 423

QY 1171 TTGATTATTGATTTGATTTGTATGATTAACAAATTAAAGTTATTTTT 1230

DB 424 GTTGATTATTATTAGTAATTAAATTTAAATTTAACTTTAACCTTTA 482

QY 1231 ATATCTTAATTAACCTTAAATTGTTATTTCTTCTTCTTCTTCTT 1290

DB 483 ATTCTTATTTATTTATTTATTTATTTATTTATTTATTTATTTATTT 542

QY 1291 ATAACATTTTAATTAACCTTAAATTGTTATTTCTTCTTCTTCTTCTT 1350

DB 543 ATTATTAAATTAATTTAAATTTATTTATTTATTTATTTATTTATTTA 602

QY 1351 THAT 1354

DB 603 TAT 606

QY	539	AAACGATCGGATACCAAATCTAACGATGKATACAAATCTAACGATCATGACCAAA	598
Ddb	1005	CATAGATGATAAAAAGAACCATCTGACCTGAAACAGCTAACCAATAATTCTATTATG	658
QY	599	TATATATGACATTTGTCGGCAGGGTGGGTGACGGAACATTGATAATTCTATTATG	658
Ddb	945	AATATCCATAATTCTTAATAGGTAAATTATTATTAATTATAATTATAATTAAAGG	886
QY	659	GGTTGTGAAATTTCATTTGAAATTGTTGATAACATAAAATAAAATTTTA	718
Ddb	885	GATGATGATTATTGTTGTTTAACTATTTAACTATTTAACTATTTAACTATTTAGT	826
QY	719	CCACTCGGTATAATTTCGAAAAGACCCCTTAATAATTGAAATTGCAATTGCTA	774
Ddb	825	AAATATCTTTCTTGTAAATTAGTTAAATTAGATAAGAAAGCATTAACAAATA	766
QY	775	AAATTTCCTCCAAAATAAGTAGACTAGCTACTGCTACTAAATTGATGCCAAATAGA	834
Ddb	765	AGGATATCTTTAAAGTATCCATICATTTCTPACTAAATACTATTTAACTTCTTT	706
QY	835	ACAAATTCTCAAATGAAACAAACATTGAAATTCTCGATAGATAAAACATTACTATT	894
Ddb	705	ATPATAAAGTACTATTATACATAGCTAGCATAGTAACTGTTAACTCCAGG	646
QY	895	TGATTTGGACATATCCAAAGTTATTC - AACGTAACTTGAAAGGTGATT	952
Ddb	645	ACCAATAAACCATACCTCAATTACCTGTATAAAATCATAAATTCATTATTT	586
QY	953	GAGATACATCCATTTCGTTTCAATTGATTGAAATTAAAGTCAC	101
Ddb	585	TAATCTTAATCTGTTAAATTAACTTAACTTAAATTAACATATA	526
QY	1013	AAATGATGTAGATAAACTAAACAAAGTTATCGTTATGAAATTCTTAAAAAC	107
Ddb	525	ATTATAGGATCATATTGACATCTAAATTTCATATTTCATATTAACTATT	466
QY	1073	AACAAATTAAACCTGTTGCAAAATAGACCAATAATGTTAATCCGTTGCTATTG	113
Ddb	465	ATCCTTAAATAAAATTTAGTA - - RATTACTTCAATATAGAACATTAACT	409
QY	1133	TAGATAATGTTAAATTGTTGTTTAAATTGTTTAAATTTGATTTGATTTGATAATT	119
Ddb	408	TAATTTATCATAATTTTAAATTTAAATCATTATTTAAATGAAATTATTATTT	349
QY	1193	GTTATTGATAACAAATAAATTTAGATAAACTTAAATCTAAATAAACATTGTT	125
Ddb	348	ATTATTATATTACATCCATTTCATTTTAAATAAAATTAAGTATATA	289
QY	1253	TAATTTCCTTATGACCTTCCTCATTTTAAACATTAACTAAATG	131
Ddb	288	TAATTATTAATCCATAATTGTTGAATTCATTACCTTAACTAGCTACG	229
QY	1313	ATGTCACACATATAATTATTTATCCAAAGAAATATGCTAAATATGGCT	137
Ddb	228	TTGTTTATGATAGTTATAATACATTAAATCATAATTAAATTTATT	169
QY	1373	TCTTTATCAGCTTCACTGATAATTGAAATAAAATTAAATTATAATTCATT	143
Ddb	168	ATTACCCATTAAACACAGTATATATTCTTAAATTATAATCATATCAT	109
QY	1433	TCACTTAATC	1442
Ddb	108	TTCCGATAATC	99

NY 1287 TTATATAACATTAAATA 1304
 Db 1237 ATTTTTTATTTTTTA 1220

RESULT 13
 US-07-991-867B-8
 Sequence 8, Application US/07991867B
 Patent No. 5476781

GENERAL INFORMATION:
 APPLICANT: Moyer, Richard W.
 APPLICANT: Hall, Richard L.
 APPLICANT: Gruidl, Michael E.
 TITLE OF INVENTION: NO. 5476781el Entomopoxvirus Expression System
 NUMBER OF SEQUENCES: 66
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: David R. Salivanchik
 STREET: 2421 N.W. 41st Street, suite A-1
 CITY: Gainesville
 STATE: FL
 COUNTRY: USA
 ZIP: 32606

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patient Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/07/991,867B
 FILING DATE: 12-DEC-1992
 CLASSIFICATION: 435

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: WO 92/14818
 FILING DATE: 12-FEB-1992

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/827,685
 FILING DATE: 30-JAN-1992

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/657,584
 FILING DATE: 19-FEB-1991

ATTORNEY/AGENT INFORMATION:
 NAME: Salivanchik, David R.
 REGISTRATION NUMBER: 31,794
 REFERENCE/DOCKET NUMBER: UF114.C3
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 904-372-5800
 TELEFAX: 904-372-5800
 INFORMATION FOR SEQ ID NO: 8:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1511 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: unknown
 MOLECULE TYPE: DNA (genomic)
 ORIGINAL SOURCE:
 ORGANISM: *Ansacta moorei* entomopoxvirus
 FEATURE: CDS
 NAME/KEY: CDS
 LOCATION: complement (18..218)
 FEATURE: CDS
 NAME/KEY: CDS
 LOCATION: complement (234..782)
 FEATURE: CDS
 NAME/KEY: CDS
 LOCATION: 852..1511

US-07-991-867B-8
 Query Match 4.7% Score 73.4; DB 1; Length 1511;
 Best Local Similarity 46.3%; Pred. No. 0.00051;
 Matches 355; Conservative 0; Mismatches 401; Indels 11; Gaps 3;

Db 421 ATATTCCTTTAATGTCACATTTTCACTTTTATTTAGGCC 480
 Qy 729 ATATTTGAAAGACCCCTTAATAATTGAAATTGGCATATAATTAAATAATTGTTTTC 788
 Db 481 ATTATTCAGAAATGGTCTTAATCTATTC 540

Qy 789 AAAAGTAGACTATGCTATACATTGATCCCATATAGACATTCTAA 848
 Db 541 ATAATATCAAT----TATCTAGATATTGATTGTTTAA 595

Qy 849 TGAAACAACTTGGAAATTGCAATAGAAACATTACTTATGGATGGCACATA 908
 Db 596 TGTATATAATCTTTTAAATATTTGGCTATGTTATATTTTATTTATAA 655

Qy 909 TCCCAAGTTTATCCAAACGTAACATTGAGGAAAGTGTGATTGAGATTACATCCAT 968
 Db 656 ATCTATTCTATATTGATTAAATGTTGATTAGATAAAATATCTAT 715

Qy 969 TTTCGTTTCATATTGAAATTTCATGGAAATTAAATTGGACACAAATGATGAGA 1028
 Db 716 TAAATTTCGTCATCATCTGTTGTCAGAAACATAGGACCAATTATTCTA 775

Qy 1029 TAAACCAAGTTGTTGATGTTGATGAAATTGTTAAACAAATTAAAC 1088
 Db 776 -TGCACATTTTTTTATATTGTTATGTTATGTTTCAAAATGAA 834

Qy 1089 TTGTTGCAATAGCACCATAATAGTAAATCCATCGTGTCTATTGTAGATAATTGTTAA 1148
 Db 835 AAATAAAATTCAATGATTGATTACTAACTCTGATAATTAAATTTAA 894

Qy 1149 TTGTTGTTATTAATAATTGTTGATATTGTTGATATTGTTGATACAA 1208
 Db 895 AATATTATTTAAATAATAATAACAGAGATATTGTTATTAAATATAT 954

Qy 1209 ATTAGATTTAAATTTTATTTATTTATTTATTTATTTATTTATTT 1268
 Db 955 TAAAAATAATTGTTAATTGAAAGGATGTTGTTTCAATTTAA 1014

Qy 1269 AGACCTTCTTCTTATTTATTAACATTAAATGTTGACACACTAA 1328
 Db 1015 ATAATATTCAGAA---ATAATAAGTTTATATTCAAAATTAAATATATAA 1069

Qy 1329 TATTATTATTCATCCGAAATAATGCTATAAAATGGTCCTCTTATCCTTCAT 1388
 Db 1070 TTAAATTATAACAAATAAAATAACATTAGATATCTATACAA 1129

Qy 1389 GATAATTGAAATAATAATAATAATTATAATTATTCATCA 1435
 Db 1130 TAGCATATAAGTATAATGCTATCCTTATCAGATTAA 1176

RESULT 14
 US-08-107-755A-8
 Sequence 8, Application US/08107755A
 ; Patent No. 5721352

GENERAL INFORMATION:
 ; APPLICANT: Moyer, Richard W.
 ; APPLICANT: Hall, Richard L.
 ; APPLICANT: Gruidl, Michael E.
 ; TITLE OF INVENTION: No. 5721352el Entomopoxvirus Expression System
 ; NUMBER OF SEQUENCES: 40
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: David R. Salivanchik
 ; STREET: 2421 N.W. 41st Street, Suite A-1
 ; CITY: Gainesville
 ; STATE: Florida
 ; COUNTRY: U.S.A.
 ; ZIP: 32606
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS

Qy 669 ATTTTCATTTCGAAATTGCTATACAAATAATAATTATTCAGCTTGT 728

SOFTWARE: Patent Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/107-755A
 FILING DATE: 19-AUG-1993
 CLASSIFICATION: 335
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/827,658
 FILING DATE: 30-JAN-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/657,584
 FILING DATE: 19-FEB-1991
 ATTORNEY/AGENT INFORMATION:
 NAME: Sallwanchik, David R.
 REGISTRATION NUMBER: 31,794
 REFERENCE/DOCKET NUMBER: UF114.C2
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (904) 375-8100
 TELEFAX: (904) 372-5800
 INFORMATION FOR SEQ ID NO: 8:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1511 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: unknown
 MOLECULE TYPE: DNA (genomic)
 ORIGINAL SOURCE: *Ansacta moorei* entomopoxvirus
 ORGANISM: *Ansacta moorei* entomopoxvirus
 FEATURE:
 NAME/KEY: CDS
 LOCATION: complement (18..218)
 FEATURE:
 NAME/KEY: CDS
 LOCATION: complement (234..782)
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 852..1511
 US-08-107-755A-8

Query Match 4.7% Score 73..4 DB 1: Length 1511;
 Best Local Similarity 46.3% Pred. No. 0.00051; 3;
 Matches 355; Conservative 0; Mismatches 401; Indels 11; Gaps

Qy 669 ATTTCATTTGAAATGGTCTATACATATAATTAATTTACACTTCGTT 728
 Db 421 ATATTCGTAAAGTCACAAATTAAATTCGCAACATTCATTTATTAAGGCC 480
 Qy 729 ATTATGAAAGGCCCTAAATAATTGAAATCGCAATAATTCTCC 788
 Db 481 ATTATCACAAATTGCTAAATCATTTCTCAAAATAATTGACATCATPATGCCA 540
 Qy 789 AAAAAGTAGACTATGTCATCTAAATTGAAATTCGCAATAATTCTCAA 848
 Db 541 ATAATATCAATATTCGATATTGATTGAAATTATTCGTTAA 595
 Qy 849 TGCACAACTTGTGAATCTCGATATGAAACATTACTTATGAAATTGGACATA 908
 Db 596 TTGTGTTTCATATTGAAATTTCATGGAAATTAAATGGACACAAATGATGAGA 1028
 Qy 909 TTCCAAAGTTTCATCCAAACGTAATTGAGGAAAGTGTGATTGAAATTCAT 968
 Db 656 ATCPATTATCTATTATGTTGATATCACATTGATATAATATCTAT 715
 Qy 969 TTATGTTTCATATTGAAATTTCATGGAAATTAAATGGACACAAATGATGAGA 1028
 Db 716 TAATTTTCGATCAATTCTCGTTGGTGTGGACCAATTATTCATA 775
 Qy 1029 TAAACCAAGTTTCATGGTATTGATTCATGTTTAAACCAAAATTAAAC 1088
 Db 776 -TCGACATTTCATTTTATTTGATTAATTCGTTTCATCAATGAA 834
 Qy 1089 TTGTTGCAATGCAATTGCAATTGAAATTCATGGTGTGGACCAATTCTATA 1148
 Db 835 AAAATAAATTCATCAATGGTACTAATTCTGATATAATTTAA 894

Qy 1149 TTGTGTTTCATATTGAAATTTCATGGTATTGATTTGATATTGATGAA 1208
 Db 895 AATTTATAATTAAATTAATTAATTAACAGAGATAATGTTAAATTTATATAT 954
 Qy 1209 ATTAGATTAATTAATTTATTAATCTTAATTAACATTGTTAATTTTCTATT 1268
 Db 955 TAATTAATTAATGTTAGAGAATTGCAATTAATTAATGATAATTTAA 1014
 Qy 1269 AGACCATTTCTATTTATTAACATTTAACTTAATGATGTGACACACACTAA 1328
 Db 1015 ATAATATTCAGAAA---ATAATTAATGTTAAATTCATTAATTTAA 1059
 Qy 1329 TATTTTTTATCCAAAGAAAATATGCTATAAAATATGGTCCTTATCCTTCAT 1388
 Db 1070 TTAAATTTTACAAATAATTAATGATATCTTAAACAAAAAA 1129
 Qy 1389 GATATTGAAATAATAATAATTAAATTATAATTCATTCATTCATC 1435
 Db 1130 TAGCAATTAAGTAAATTATCATTACACATCTATAGAATTTAA 1176

RESULT 15
 US-08-544-332-8
 ; Sequence 8, Application US/08544332
 ; Patent No. 5935777
 ; GENERAL INFORMATION:
 ; APPLICANT: Moyer, Richard W.
 ; APPLICANT: Hall, Richard L.
 ; TITLE OF INVENTION: No. 5935777 Entomopoxvirus Expression System
 ; NUMBER OF SEQUENCES: 77
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Gerard H. Bencen
 ; STREET: 2421 N.W. 41st Street, Suite A-1
 ; CITY: Gainesville
 ; STATE: FL
 ; ZIP: 32606
 ; COUNTRY: USA
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/544,332
 ; FILING DATE: 12-FEB-1992
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 07/991,867
 ; FILING DATE: 07-DEC-1992
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/107,755
 ; FILING DATE: 19-AUG-1993
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: WO 92/14818
 ; FILING DATE: 12-FEB-1992
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 07/827,685
 ; FILING DATE: 30-JAN-1992
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 07/657,584
 ; FILING DATE: 19-FEB-1991
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Bencen, Gerard H.
 ; REGISTRATION NUMBER: 35,746
 ; REFERENCE/DOCKET NUMBER: UF114.C4
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 904-375-8100
 ; TELEFAX: 904-372-5800
 ; INFORMATION FOR SEQ ID NO: 8:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 1511 base pairs

Search completed: November 2, 2002, 14:19:20
 Job time : 171.327 secs

TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: unknown
 MOLECULE TYPE: DNA (genomic)
 ORIGINAL SOURCE:
 ORGANISM: *Amsacta moorei* entomopoxvirus
 FEATURE:
 NAME/KEY: CDS
 LOCATION: complement (18..218)
 FEATURE:
 NAME/KEY: CDS
 LOCATION: complement (234..782)
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 852..1511
 US-08-544-332-8

Query Match 4.7%; Score 73.4; DB 2; Length 1511;
 Best Local Similarity 46.3%; Pred. No. 0.00051;
 Matches 355; Conservative 0; Mismatches 401; Indels 11; Gaps 3;

Qy	669	ATTTTTTCATTTCGAAATTGTTCTATACAAATAATAATTAAATATTACACTTCGTT	728
Db	421	ATATTCTGTAAGCTCRAATTTATCCAGCAAACTTCTTTTTATTATTAGCC	480
Qy	729	ATATTTGAGAACAGGCCCCATTAAATGAACTTCGATATAATTAAATTTTCCCA	788
Db	481	ATTTPATCACAATTTGTCATACTTCTCAACATTTCTCAAAATGACACTCATPATGCCA	540
Qy	789	AAAAAAGTAGCTATGCTCATCTAAAATTGATTCGCCAATATAAGAACAAATTCTCAAA	848
Db	541	ATAATATCATAAT---TACCTAGATATAATTGATTCAATTAAATTGTTTAA	595
Qy	849	TGAAACAAACATTGAAATTCTCGATATAGAAACATTCTACTTATTGAAATTGGACATA	908
Db	596	TGTATTAATATCTTATTATATATTATGAGTTATAATTACATTTGATTGATAAAATTATCTAT	655
Qy	909	TCTTGGTTTCATATGAAATTCTGCAAAATTAAATGCCACAAATGTTGAGA	1028
Db	656	ATCTTATTATCTTATTATGAGTTATAATTACATTTGATTGATAAAATTATCTAT	715
Qy	969	TCTTGGTTTCATATGAAATTCTGCAAAATTAAATGCCACAAATGTTGAGA	1028
Db	716	TAATTTTCGGATCATTCCTGTTGGCGAGAAACATAGGACCAATTATTCCTA	775
Qy	1029	TTAACCAANGTTATCGTTATTGAAATTCTTTAAACCAACAAATTAAACAC	1088
Db	776	-TCGACATTTTCTTATTATGAGTTATAATTCTCAAAAAAAATTAACTGAAAAA	834
Qy	1089	TCTTGGCAAGACCAATTAGTAACTTCGTTCTTGTAGATTAATGTTATA	1148
Db	835	AAAATAAAATATCATAAAATGGATTACTAAATTCTGATAATAATTAAATTTAA	894
Qy	1149	TCTTGGTATATTAAATTAATTGATTTGATTATTTGATAATTGATGATAACAA	1208
Db	895	ATATATATATTAAATTAATTGATTTGATTTGATTTGATTTGATTTATATAT	954
Qy	1209	ATTAGATTAAATATTATTTATCTTAAATATAAAACATTGCTTAATTTCCTPATT	1268
Db	955	TAATTAATTTGCTTAAATTGCTTAAATTGCTTAAATTGCTTAAATTGCTTAA	1014
Qy	1269	AGACCAATTCTCTTAAATTGCTTAAATTGCTTAAATTGCTTAAATTGCTTAA	1328
Db	1015	ATAATTCCTCAAATAATTGCTTAAATTGCTTAAATTGCTTAAATTGCTTAA	1069
Qy	1329	TATTATTTTCCAAAGAAATAATTGCTTAAATTGCTTAAATTGCTTAAATTGCTTAA	1388
Db	1070	TTTAAATTAACTAAACAAATTAAATATACTTAACTTAACTTAACTTAAACAAA	1129
Qy	1389	GATAATTGAAATAAAATAAAATTAAATATACTTAACTTAACTTAACTTAA	1435
Db	1130	TAGCAATAAGTAAATTACTACCACTCTAGAAATTCTCTAGAAATTCTAA	1176